

IPW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Lu et al.  
Appl. No. : 10/828,549  
Filed : April 21, 2004  
Title : LIGHT-EMITTING DEVICES WITH AN EMBEDDED CHARGE  
INJECTION ELECTRODE

Grp./A.U. :  
Examiner :

Docket No.: 14683

Honorable Commissioner of Patents  
Alexandria, VA 22313-1450

Sir:

**PTO CUSTOMER NO. 000293**

INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R., §§ 1.97-1.99, applicant submits the following information which may be of interest to the examiner in charge of the above referenced application for patent. Only copies of the non-US references listed on the attached Form PTO-1449 are attached.

Respectfully submitted,

DOWELL & DOWELL, P. C.

Ralph A. Dowell, Reg. No.: 26,868  
Date: August 10, 2004

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FORM PTO-1449  
(Rev. 7-89)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

Atty. Docket No. 14683

Serial No.  
10/828,549**LIST OF PRIOR ART CITED BY APPLICANT**

(Use several sheets if necessary)

APPLICANT Lu et al.

FILING DATE 04/21/2004

GROUP

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5	7	7	3	9	2	9	06/30/98				
	AB	6	1	8	8	1	7	6	02/13/01				
	AC	6	3	1	6	8	7	4	11/13/01				
	AD	6	0	6	9	4	4	2	05/30/00				
	AE	5	7	7	6	6	2	3	07/07/98				
	AF	6	6	1	4	1	7	5	09/02/03				
	AG	6	5	6	6	8	0	7	05/20/03				
	AH	6	5	6	5	9	9	3	05/20/03				
	AI	6	4	8	9	0	4	4	12/03/02				
	AJ	6	4	6	9	4	3	7	10/22/02				
	AK	6	3	5	1	0	6	7	02/26/02				

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	AL													

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

	AM	"Degradation Mechanism of Small Molecule-Based Organic Light-Emitting Devices", Aziz et al., Science, March 19, 1999, Vol 283, pp 1900-1902.
	AN	"Metal/AlQ <sub>3</sub> Interface Structures", Turak et al. Applied Physics Letters, July 22, 2002, Vol 81 (4), pp 766-768.
	AO	"Studies of Alq/Mg: Ag Interface in Organic Light-Emitting Diodes by XPS", Feng et al., Mat. Res. Soc. Symp. Proc., 2002, Vol 725, pp P4.8.1P4.8.6.

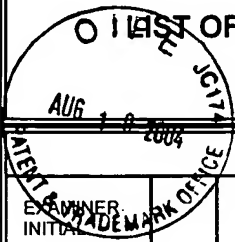
EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 602; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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(Rev. 7-80)U.S. DEPARTMENT OF COMMERCE  
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## **U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AP	6 4 2 9 4 5 1	08/06/02				
AQ	6 4 1 1 0 1 9	06/25/02				
AR	5 7 7 6 6 2 2	07/07/98				
AS	6 0 6 4 1 5 1	05/16/00				
AT	5 4 5 7 5 6 5	10/10/95				
AU	5 9 5 2 7 7 9	09/14/99				
AV	5 9 6 9 4 7 4	10/19/99				
AW	6 0 1 3 3 8 4	01/11/00				
AX	6 1 3 7 2 2 3	10/24/00				
AY	2003/0035979	02/20/03				
AZ						

## **FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
BA						

## **OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, Etc.)**

BB	"Humidity-Induced Crystallization of Tris (8-Hydroxyquinoline) Aluminum Layers in Organic Light-Emitting Devices", Aziz et al., Applied Physics Letters, Feb. 16, 1998, Vol 72 (7), pp 756-758
BC	"Transparent-Cathode for Top-Emission Organic Light-Emitting Diodes", Han et al., Applied Physics Letters, April 21, 2003, Vol 82 (16), pp 2715-2717.
BD	

EXAMINER

DATE CONSIDERED

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